

SEQUENCE LISTING

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Paulovics, Katalin

<120> Process for the Production of Plants with Enhanced Growth Characteristics

<130> 514413-3669

<140> 09/155,921

<141> 1999-05-13

<150> PCT/EP97/01741

<151> 1997-04-08

<150> 96 105 679.3

<151> 1996-04-11

<160> 5

<170> PatentIn version 3.2

<210> 1

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<212> DNA

<213> Escherichia coli

<400> 1

aaaatgaaaa ccgct

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<212> DNA

<213> Artificial Sequence

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<223> mutated translational start codon of ASN-A gene from Escherichia coli

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<223> Modified transit peptide from small subunit of

Ribulosebiphosphate carboxylase from pea

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Ser Arg Gly Gln Ser Ala Ala Val Ala Ser Ser Ser Ala Val Thr Thr
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Val Ser Arg Ala Ser Arg Gly Gln Ser Ala Ala Val Ala Pro Pro Gly
35 40 45

Gly Leu Lys Ser Met Thr Gly Pro Pro Val Lys Lys Val Asn Thr Asp
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Ile Thr Ser Ile Thr Ser Asn Gly Gly Arg Val Lys Cys
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<212> PRT

<213> Pisum Sativum

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Met Ala Ser Met Ile Ser Ser Ser Ala Val Thr Thr Val Ser Arg Ala
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Ser Arg Gly Gln Ser Ala Ala Val Ala Pro Pro Gly Gly Leu Lys Ser
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Met Thr Gly Pro Pro Val Lys Lys Val Asn Thr Asp Ile Thr Ser Ile
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Thr Ser Asn Gly Gly Arg Val Lys Cys
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<212> PRT

<213> Pisum Sativum

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Met Ala Ser Met Ile Ser Ser Ser Ala Val Thr Thr Val Ser Arg Ala
1 5 10 15

Ser Arg Gly Gln Ser Ala Ala Val Ala Ser Ser Ser Ala Val Thr Thr
20 25 30

Val Ser Arg Ala Ser Arg Gly Gln Ser Ala Ala Val Ala
35 40 45